



436604

**U.S. EPA REMOVAL ACTION
AT THE
DAYTON ELECTROPLATE, INC. SITE
DAYTON, MONTGOMERY COUNTY, OHIO
EMERGENCY CONTINGENCY PLAN
January 9, 1997**

The Dayton Electroplate, Inc. (DEP) site is located at 1030 Valley Street, Dayton, Montgomery County, Ohio (Figure 1). The site is an abandoned electroplating facility on a two-acre parcel of land within the northeast portion of the city of Dayton. The facility is located in a residential/industrial area. Electro-plating operations were housed in two buildings, totalling approximately 60,000 square feet, and consisted of four separate plating lines (Figure 2). The area surrounding the buildings consists of paved parking areas surrounded by a locked chain-link fence. The two buildings also contain drum storage areas, office space, manufacturing and water treatment areas, and process tanks.

Previous investigations of the site by state and local personnel have revealed the presence of numerous drums, containers, tanks, and vats of hazardous materials. Electroplating processes at the facility have historically included nickel, chrome, zinc, and clear coating operations. According to a 1994 submission by the facility to the Ohio State Emergency Response Commission (SERC), the facility regularly used hydrofluoric acid, hydrogen chloride, nitric acid, sodium cyanide, and sulfuric acid.

On October 11, 1996, U.S. EPA On-Scene Coordinator (OSC) Steve Renninger and members of the Superfund Technical Assessment and Response Team (START) met on site to conduct air monitoring and also to perform a site inspection. The site inspection revealed the presence of wastes in approximately 83 vats, 29 tanks, and 230 drums and containers at the site. Laboratory analytical results of samples collected from the drums confirmed the presence of acidic (pH < 1), caustic (pH > 13), and cyanide bearing (58,000 ppm) materials in close proximity to each other.

On January 3, 1997, U.S.EPA initiated a removal action at the DE site to stabilize site conditions. 24 hour site security was initiated on January 3, 1997. A U.S.EPA command post and support zone was established in the parking lot of the site. In the event of a required response by local emergency authorities, the following protocols provide necessary guidance for the following potential response events:

Vandalism/Trespass;
Medical Emergencies;
Fire/Explosion.

For all calls to this location, the emergency dispatcher will dispatch the Montgomery County Hazardous Materials Team.

VANDALISM/TRESPASS

In the event of vandalism/trespass, the Dayton Police Department will respond but not enter the site. Attempts will be made to communicate with offenders from the site perimeter's fencing via loudspeaker and to apprehend the offenders following their exit from the site. Members of

the Dayton Police Department will immediately advise U.S. EPA OSC Renninger of any incidents of trespass or vandalism.

MEDICAL EMERGENCIES

Rescue operations, if necessary in the exclusion zone (inside site buildings), should be conducted by personnel wearing a minimum of level "B" personal protective equipment, including SCBA and protective coveralls. If possible, any medical emergencies will be coordinated by decontaminating and removing injured personnel from the exclusion zone. If possible, the victim will be decontaminated prior to arrival of the ambulance service on site. The victim will be picked up at the facility entrance.

The victim should be decontaminated to the maximum extent possible, paying particular attention to the areas of the body or clothing that were in contact with the contaminants. If the injury is minor, a full decontamination should be completed and first aid administered prior to transport. If the victim's condition is serious, at a minimum, emergency decontamination should be completed. For emergencies requiring transport to a hospital, the victim should be transported to Miami Valley Hospital in Dayton. A map showing directions to Miami Valley Hospital from the site is attached (Figure 3).

FIRE/EXPLOSION

Effective immediately, no one is to enter the exclusion zone (inside site buildings) for fire fighting purposes at this site without level "B" protection, including SCBA and tyvek coveralls. The Dayton Fire Department will be called to evacuate any residents located in the immediate vicinity if necessary. However, the members of the Dayton Fire Department will not enter the site but only assess the fire/explosion hazard from a perimeter position. In the event that site entry is necessary, the Montgomery County HazMat team will be called to respond to the fire/explosion incident. All fire fighting for this site should be attempted from a perimeter position, if possible. The Dayton Fire Department and ambulance service will be dispatched; the first-arriving engine officer will assume control. All other personnel will meet at an upwind location and await assignment of duties. Telephone numbers of personnel who should be contacted in the event of an incident are listed on the attached page. At a minimum, the following personnel will be notified:

U.S. EPA On-Scene Coordinator, Steve Renninger
Dayton Fire Department, Chief Bob Zickler
Montgomery County HazMat, Coordinator Bill Ring
Smith Environmental Response Manager, Jay Hoover

In the event of heavy smoke or toxic gas emission, an evacuation may be necessary and should proceed according to Montgomery County LEPC guidelines. The U.S. EPA Superfund Technical Assessment and Response Team (START) will assist with air monitoring.

**DAYTON ELECTROPLATE, INC. SITE
DAYTON, OHIO
LIST OF CONTACTS**

<u>LOCAL AGENCY</u>	<u>PHONE #</u>	<u>CONTACT</u>
Dayton Fire Dept.	911 (ER)	Chief Bob Zickler
Fire Prevention Bureau	(513)443-4527	Andrew Steele
Dayton Police Dept.	911 (ER) (937)222-9511 (non ER) (937)449-1082 (office) (937)443-4610 (937)449-1145 (937)449-1292	Chief Ronald Lowe Dispatch Supervisor Operations Supt. Mark Stusek 1st Dist. Cmdr. Barbara Bent
Dayton Ambulance Service	911	
Montgomery County Haz. Materials Team	911 (ER) (513)443-4500 (non ER)	Coord. Bill Ring
Miami Valley Hosp. E.R. non-emergency	(513)208-2444 (513)208-8000	
Montgomery County EMA/LEPC	(513)854-4822	Ed Kovar
Montgomery Co. HazWaste Coord.	(513)854-4822	Bill Ring
Montgomery Co. Air Poll. Ag.	(513)225-4435	James Gross
Dayton Power & Light	911 (ER)	
Dayton Water Dept.	(513)443-3550	
Dayton Env. Engineer	(513)443-3725	Dusty Hall
Dayton Sewer Maintenance	(513)443-4905	
Poison Control Center	(513)222-2227	

FEDERAL/STATE

U.S. EPA On-Scene Coordinator	(513)569-7539	Steve Renninger
U.S. EPA Region V Response (Emergency Only)	(312)353-2318	(24-hour # that rings in Chicago or Detroit and can assist or locate the OSC)
National Spill Response Center	(800)424-8802	
OEPA SWDO (Dayton, OH)	(513)285-6080	Elisabeth Rothschild

COMMAND POST PHONE NUMBERS

U.S.EPA Command Post	(937)223-6768	Steve Renninger
U.S.EPA Fax	(937)223-6772	
Smith Environmental	(937)223-6765	Jay Hoover
Smith Env Fax	(937)223-6762	